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(71) Applicant: **AutoStore Technology AS**  
**5578 Nedre Vats (NO)**

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(72) Inventors:  
• **FJELDHEIM, Ivar**  
**N-5533 Haugesund (NO)**  
• **AUSTRHEIM, Trong**  
**N-5590 Etne (NO)**

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(74) Representative: **Kilburn & Strode LLP**  
**Lacon London**  
**84 Theobalds Road**  
**Holborn**  
**London WC1X 8NL (GB)**

**(54) CONTAINER HANDLING VEHICLE WITH FIRST AND SECOND SECTIONS AND ASSEMBLY OF MOTORS IN SECOND SECTION FOR DRIVING AT LEAST ONE WHEEL OF EACH OF THE SETS OF WHEELS**

(57) A container handling vehicle for picking up storage containers from a three-dimensional grid of an underlying storage system, comprising a first set of wheels arranged at opposite portions of a vehicle body of the container handling vehicle, for moving the vehicle along a first direction on a rail system of the grid; and a second set of wheels arranged at opposite portions of the vehicle body, for moving the vehicle along a second direction on the rail system of the grid, the second direction being perpendicular to the first direction;

wherein the vehicle body comprises walls on all sides forming a footprint defined by horizontal peripheries in the X and Y directions of the vehicle body, and the container handling vehicle further comprises:

a first section and a second section arranged side-by-side such that a centre point of a footprint of the first section is arranged off centre relative a centre point of the footprint FV of the vehicle body, and wherein a size ratio of the footprint F1 of the first section relative a footprint F2 of the second section is at least 2:1, and wherein the first section is configured to accommodate a storage

container, the second section comprises an assembly of motors for driving at least one wheel of each of the sets of wheels.

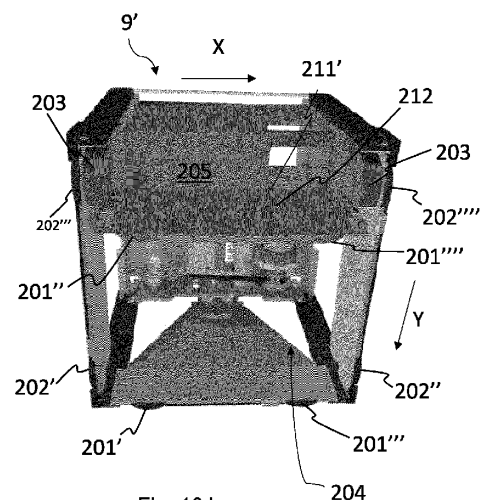


Fig. 10J

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			B65G
The present search report has been drawn up for all claims			
Place of search <b>The Hague</b>		Date of completion of the search <b>24 January 2025</b>	Examiner <b>Hoffert, Rudi</b>
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